INTERNATIONAL SEARCH REPORT

ernational Application No PCT/ZA 03/00181

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04B10/22 G01D G01D5/26 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) GO1D GO1P GOSC GOIL HO4B IPC 7 Documentation searched other than menorum this urmentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ' 1-15 X US 4 746 791 A (FORKEL WERNER) 24 May 1988 (1988-05-24) figures 1-9 abstract column 2, line 39 -column 3, line 56 US 4 672 214 A (OJI NOBUAKI ET AL) 1-15 X 9 June 1987 (1987-06-09) figure 5 column 7, line 38 -column 8, line 29 1-15 US 5 182 953 A (ELLINGER SYLVESTER M ET -X AL) 2 February 1993 (1993-02-02) figure 1 abstract column 6, line 3-15 column 7, line 56-67 column 8, line 14-26 Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 04/06/2004 26 May 2004 **Authorized officer** Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016

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